

Japanese Patent Office

Utility Model Publication

Examined Utility Model Application Publication **S32-14894**

Japanese classification: 111 A 52
(108 B 1)

Publication date: November 22, 1957

Application date: July 25, 1955

Application number: S30-33671

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Vessel for Determining Silkworm Cocoon Quantity

Brief Description of the Drawings

Fig. 1 is a vertical side view; Fig. 2 is a vertical frontal view; and Fig. 3 is an overhead plan view of the current invention.

Explanation of the Utility Model

The current device relates to a vessel used for measuring quantities of silkworm cocoons and comprises a peripheral wall 1 formed of a transparent material; a base 2; a diagonal dividing plate 3, the upper end of which hooks over the lip of the upper vessel opening and the lower end of which contacts a diagonally opposed region of the base 2 in such a way that the dividing plate 3 divides the vessel's interior into an upper and a lower chamber; and measurement graduations 4, which can be marked on the peripheral wall 1 or the diagonal dividing plate 3, or on both the peripheral wall 1 and the dividing plate 3, so as to allow for measuring the number of silkworm cocoons contained in the vessel. The diagonal dividing plate 3 can be made to contact the front outer edge of the base 2, as illustrated, or the point of contact with the base can be adjusted back away from the front outer edge. When a small volume of material is being measured, a contact

point at the front outer edge of the base can be used, and as the volume of material being measured increases, the contact point with the base can be moved back away from the outer edge, with appropriate adjustments being made to the graduation markings.

The current device allows for various advantageous effects. For instance, the current device comprises an upward slanting incline so that when the diagonal dividing plate is inserted in the vessel and cocoons are loaded on top of the resulting incline, it is particularly convenient for measuring small quantities. Also, as the quantity being measured increases, the point of contact between the dividing plate and the vessel base can be moved back from the outer edge for measurement, and because the cocoons within the vessel can be viewed through the transparent peripheral wall, it is possible to carefully examine their arrangement and accurately determine their quantity.

Scope of Registered Claims

A vessel construction for measuring quantities of silkworm cocoons comprising, as shown in the accompanying drawings, a peripheral wall 1 constructed of a transparent material; a base 2, which is attached to the bottom of the peripheral wall 1; a diagonal dividing plate 3, the upper end of which hooks over the lip of the upper vessel opening and the bottom end of which contacts the base 2 in such a way that the vessel interior is divided into an upper and lower chamber; and measurement graduations 4 for determining the quantity of cocoons contained in the vessel, the measurement graduations being marked on either the peripheral wall 1, the diagonal dividing plate 3, or on both the peripheral wall and the diagonal dividing plate.

Fig. 1

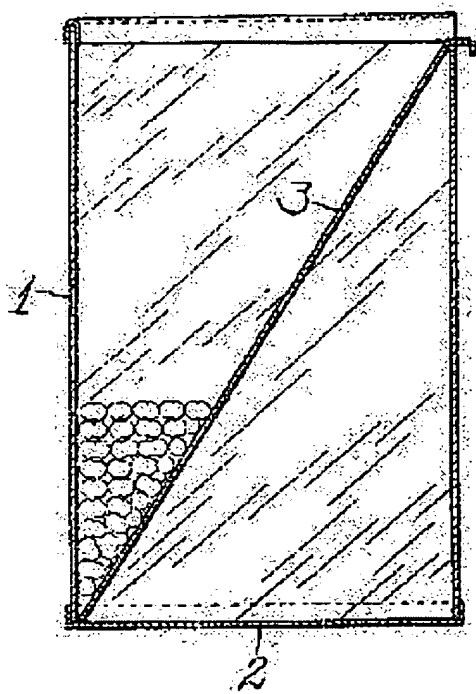


Fig. 2

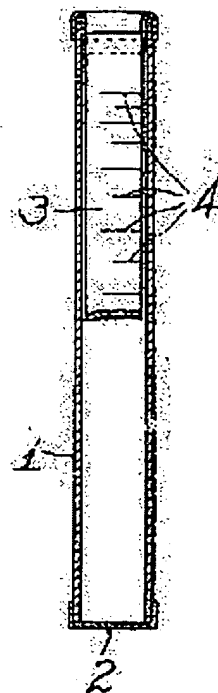


Fig. 3

